

SUPER ENCRYPTED STORAGE AND RETRIEVAL OF MEDIA PROGRAMS IN A
HARD-PAIRED RECEIVER AND STORAGE DEVICE

ABSTRACT OF THE DISCLOSURE

5 A method and apparatus for storing and retrieving program material for
subsequent replay is disclosed. The apparatus comprises a tuner, for receiving a data
stream comprising encrypted access control information and the program material
encrypted according to a first encryption key, the access control information including the
first encryption key; a first encryption module, communicatively coupled to the tuner and
10 communicatively coupleable to a media storage device, for further encrypting the
encrypted program material according to a second encryption key and for encrypting the
second encryption key according to a third encryption key to produce a fourth encryption
key; a first decryption module communicatively coupleable to the media storage device,
for decrypting the fourth encryption key retrieved from the media storage device using
15 the third encryption key to produce the second encryption key, and for decrypting the
further encrypted program material retrieved from the media program device to produce
the encrypted program material; a conditional access module communicatively coupled to
the first decryption module, for decrypting the encrypted access control information to
produce the first encryption key; and a second decryption module, for decrypting the
20 program material using the first encryption key.